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BULBS for Autumn Planting

1924

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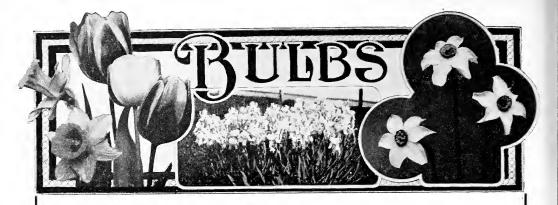
OCT 1 1 1924 \*

U. S. Department of Ag doubers.

ST. LOUIS
ST. LOUIS,
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Stocmalter

403000



# PLANT DUTCH BULBS

# For the Early Flowers of Spring

T IS after the long winter months that all is again joy and happiness. Again the trees come to life; the flowers begin to grow; the birds return, and the fields and streams and all the wonders of nature join in making man's life happier and better than ever.

Crocus, Tulips, Hyacinths and Narcissi are the first tokens of a rejuvenated world. During the winter months they have been idle, but with the first warm weather they come forth with new life. The Tulips add color and life to the new landscape. The Hyacinths, with their tiny bells, are the first signs of Spring.

# General Directions to Customers

Unknown correspondents desiring to open an account will furnish three references from parties in the trade with whom they have had credit relations, otherwise cash must accompany order.

Remittances should be made by Post-Office Money Orders, Drafts on St. Louis Banks, or Express Money Orders. Where it is not possible to obtain these, the letter should be registered. We cannot guarantee receipt of money sent in any other way.

Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance.

All goods are offered subject to being unsold on receipt of order, and we reserve the right to advance prices without notice.

No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Offices in St. Louis, Mo.

In filling out your order always give Shipping Directions, and write Name and Address distinctly on each and every order.

# LOW EXPRESS AND PARCEL POST RATES

From St. Louis on Account of Our Central Location

By our careful and thorough system of packing we Guarantee Safe Delivery when ordered to be sent by Express, and we always ship this way unless we have positive instructions to the contrary, and when sent in any other way, are solely at purchaser's risk.

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# THE CULTURE OF HYACINTHS

POR general use the Hyacinth is one of the best hardy Spring bulbs. It is easily cultivated, blooms early in the Spring, remains a long time in flower, ranges so many rich and delicate colors that all tastes can be suited. Its delightful fragrance is enough to make it a general favorite.

Outdoor Culture—The bulbs may be planted any time from October to December. They succeed in any good, well-drained garden soil. Set the bulbs so that the tops will be 5 or 6 inches below the surface and 6 to 10 inches apart. Before very severe weather comes on, cover the beds with straw, leaves or manure, to protect them from the frost; this should be removed when danger from hard frost is past in the spring.

Pot Culture—Pot culture of Hyacinths is very fascinating. Use a light soil to fill the pots. Pot fairly firm and let the tip of the bulb just peep out of the soil. After potting water them well and then set the pots in a cool, airy place, covering the pots with ashes until the bulbs are rooted. They should remain in the dark for six weeks or more, when they can be brought to the light. A shady position is best for a few days after which they may be placed where they are to bloom. One bulb is enough for a five-inch pot, or three bulbs in a six or seven-inch pot or pan.

Hyacinths in Glasses—Fine blooms may be secured from growing Hyacinths in glasses. Only the very best bulbs should be used. Place the bulbs so that the base merely touches the water. A piece of charcoal in the water will keep it sweet. The glasses should be set in a cool, dark place until they are filled with roots, when they can be brought to the light. A temperature of 60 degrees will produce the best results. On the following pages will be found descriptions of the varieties of Hyacinths we carry.

# SELECTED FIRST SIZE EXHIBITION HYACINTHS

The varieties enumerated below have been selected for their distinct coloring and free flowering qualities, and are Selected First-size Bulbs, especially suited for growing in pots or glasses or for high-grade bedding.

### SINGLE BLUE

forcing.

DR. LIEBER—Very early laven-der blue, tinged violet, com-pact spike, extra fine new variety.

ENCHANTRESS - Porcelain tinted lilac, light center, hand-

some spike. MAITRE—Deep, der blue; dark stem and com-

pact truss. JOHAN—Beautiful light blue; a

very beautiful flower.

KING OF THE BLUES—Rich, dark blue; splendid spike and bells. The finest for late forc-

### SINGLE PINK, ROSE

DE WET-A pale pink sport of Grand Maitre; splendid for bedding as well as for forcing. Forms a splendid, perfect spike of a tender color; specially recommended in either smaller

or larger grades.

GIGANTEA—Very large, light pink flower; compact spike; extra fine variety.

LADY DERPY—Soft, rose; large

truss and bells; fine for pot culture.

MARCONI—Bright pink, broad spike, beautiful flower, highly broad recommended for forcing and

bedding, late.

QUEEN OF THE PINKS—Beautiful rosy pink, extra bells, long spike.

### SINGLE RED

GERTRUDE—Light red, large attractive spike; a splendid early.

ROBERT STEIGER-Deep red; a splendid bedder.

LA VICTOIRE-We strongly recommend this variety for out-door planting, as there is no brighter bedder, and the beauty of it is that the red color is already visible when the flower is yet in bud.

### SINGLE WHITE

ALBERTINE—Early pure white, with open petals; an extra fine hyacinth.

L'INNOCENCE—Purest white; equally good for forcing or bedding.

LA GRANDESSE-The most showy white; fine bells.

### SINGLE YELLOW

KING OF THE YELLOWS—A splendid pure yellow; not early; tall and handsome spike.

YELLOW HAMMER-Pure yellow; beautiful neat truss.

# PRICES ON ABOVE **HYACINTHS**

Each 

 Per dozen
 2.00

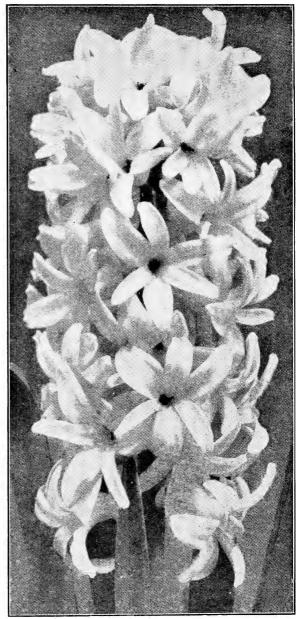
 Per 100
 16.00

### DOUBLE HYACINTHS

BISMARCK — Sky blue, very BOUQUET ROYAL—Salmon pink, dark center. broad spike, excellent for early GEN. KOHLER—Bright blue, a splendid force GEN. KOHLER—Bright blue, a splendid forcer; one of the best of the double blues.

LA GRANDESSE—Pure white, fine bells and spikes.

ROOSEVELT—Deep red; large bells.



L'Innocence.

## HYACINTHS

### SELECT SECOND SIZE NAMED

These second size Hyacinths will be found fine for forcing and highly recommended for those who desire extra good bulbs for bedding.

Our list of second size Hyacinths embraces the leading named sorts and are larger bulbs than those sold as mixed and are strictly true to name and color. They can be used to great advantage for a pretty effect in bedding, securing uniformity, color and height.

### SINGLE BLUE-PURPLE

BISMARCK-Sky blue, very broad spike, excellent for early forcing.

DR. LIEBER-Lavender blue; tinged violet, compact spike.

ENCHANTRESS - Porcelain. tinted lilae. light center, handsome spike.

**GRAND MAITRE**—Deep, lavender blue; dark stem and compact truss.

JOHAN—Beautiful light blue, fine truss. KING OF THE BLUES-Rich, dark blue; splendid spike and bells. The finest for

late forcing. SINGLE RED

GERTRUDE-Light red, large compact truss.

LA VICTORIA-Large red, very fine spikes, extra for exhibition.

### SINGLE PINK, ROSE

DE WET-Very fine light rose, broad spike. GIGANTEA-Very large; light pink flower. Extra fine bulbs.

LADY DERBY—Soft rose; large truss and bells. A good variety for pot culture.

MARCONI-Bright pink, broad spike, beautiful flower, highly recommended forcing and bedding late.

QUEEN OF THE PINKS—Beautiful rosy pink, extra bells, long spike.

### SINGLE WHITE

ALBERTINE-Early pure white, with open petals; an extra fine hyacinth.

L'INNOCENCE-Purest white; equally good for forcing or bedding.

LA GRANDESSE-The most showy white; fine bells.

Price: Each, 15c; doz., \$1.50; 100, \$10.50.

# HYACINTHS FOR BEDDING



Our Bedding Hyacinths can be depended upon to turn out the kind of beds you want—full of flowers. All these bulbs are grown un-der the best of care and are shown in separate colos so that you can easily make your selection. especially adapted

#### outdoor growing. SINGLE Doz. 100 Rose . \$1.00 \$7.50 ........ 1.00 $\begin{array}{c} \textbf{7.50} \\ \textbf{7.50} \end{array}$ Red 1.00 Light Blue 1.00 Dark Blue 1.00 Red $7.50 \\ 7.50$ ..... 1.00 White DOUBLE 100 Doz. ....\$1.00

### **HYACINTHS**

Dark Blue..... 1.00

........ 1.00 Blue..... 1.00  $\begin{array}{r} 87.50 \\ 7.50 \end{array}$ 

7.50

7.50

### Early French Roman

charming class of Hya-cinths from the South of France. producing graceful, delicately perfumed spikes of pure white flowers. They force readily in the house, but we do not recommend

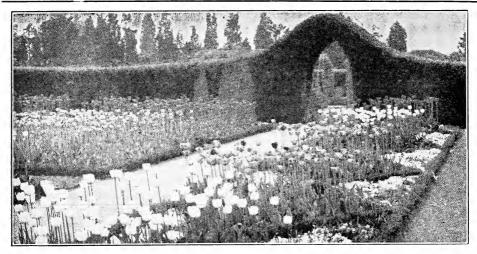
but we do not recommend them for outdoor planting. Three bulbs can be put in a 4-inch, or six bulbs in a 6-inch pan or pot, and as each bulb produces several spikes, it makes a beautiful plant for Conservatory or House Decorations.

WHITE ROMANS—Select bulbs each 15c; per dozen.

bulbs, each, 15c; per dozen,

Rose Red

Light



# THE CULTURE OF TULIPS

\$5.50

6.00

5.50

5.50

6.00

6.00

8.00

.80

Tulips do well in any good garden soil and may be planted any time during the autumn before the ground is closed by the frost. The bulbs should be placed from five to six inches apart and from three to five inches deep, varying with the soil. They are perfectly hardy and require no covering during the winter, but a light covering of leaves or manure will keep the frost from throwing them out of place. A dry, sunny position is the best.

Beautiful Breeder Tulips

A May-flowering type, similar to the Darwins, in their tall, strong, growth, but in an entirely different range of colors, which will be appreciated by all lovers of flowers. Doz. 100

BRONZE QUEEN—Soft

golden bronze; lar; flower of sturdy habit. large very exquisite color when forced and splendid for the border. Height, 28 Height, 28 inches . . . . . . . 80.75

DOM PEDRO-Coffee-brown, shaded maroon, inside rich mahogany; large flower; very fragrant. Height, 21 inches .

FAIRY-Reddish mahogany, with bronze shading; an with bronze shading; an extra-large flower of artistic character. Splendid in borders or for late forcing. Height, 24 inches... GOLDEN BRONZE—(24 in.) Beautiful bronzy-yellow, read force.

good forcer.....

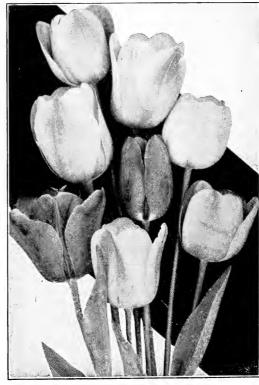
OLD TIMES—Dull garnet, edged primrose-yellow, e d g e d primrose-yellow, with greenish base; rather long flower of somewhat pointed form. A showy breeder of English origin. Height, 24 inches...... PRINCE OF ORANGE—Dark

terra-cotta-brown, shaded yellow, with a yellow base starred black. Splendid for the border and good for forcing. Height, 24

inches
ROF. SCHOTEL — Bright PROF. greyish-violet greyish-violet ...........
SUNRISE — Ruddy apricot, 1.00 inside soft yellow, with black base and anthers;

very striking variety. Ht., inches..... 4.50

Tulips may be planted singly in fourinch pots, five or six in six-inch pots or in double or triple rows in window boxes. double or triple rows in window boxes. They need practically no care after planting other than to be set in a cool, dark cellar and watered occasionally. When an inch or two above the ground they may be brought to the light of a cool window Plenty of time and little heat mean success. while haste and too much heat spell disaster in forcing Tulips.



Breeder Tulips

# GIANT DARWIN TULIPS—The Most Beautiful of All the Tulips

Darwin Tulips are most valuable for permanent planting. For the borders among other hardy flowers; in formal gardens in conjunction with Single Early Tulips; for isolated groupings against a background of shrubs, or for combinations of delicate colors for effects of contrast in the flower garden, the Darwins stand without peer.

They are quite distinct in their style of growth from the other late-flowering sorts; stately in appearance, attaining a height of 24 to 30 inches, and bearing, on long, straight stems, beautiful globular flowers of remarkably heavy texture. Their range of color is immense, embracing almost every conceivable tint in rich and rare shades.

Doz.	100	Doz.	100
ANTON ROOZEN—An enormous flower of a vivid rose-pink,		FARNCOMBE SANDERS—Scar- let with center white; large	
with white base\$0.75	\$6.00	broad-pleated flower of per-	
BARRONNE DE LA TONNAYE-		fect shape; easily the best in its color; fine for forcing\$0.60	04 70
A long and beautiful flower; clear carmine rose at the mid-			\$4.50
rib, toning off to soft pink at		GLOW—Brilliant, glowing vermilion, white and blue base60	4.50
the edges; base white66	4.50	HARRY VEITCH—A rich blood-	2.00
BARTIGON—Fiery crimson; a very showy variety, with		red; very brilliant in the sun-	
white base which shows up		light; with blue base; large60	4.50
splendidly when the flower is		INGLESCOMBE YELLOW—Very glossy canary yellow 50	4.00
open. One of the earliest7	5 5.50		4.00
CLARA BUTT — Soft salmony pink, tinged with blush. Forces		KING HAROLD—Large flowers of dark maroon-scarlet60	4.50
well. One that will please		LA TULIPE NOIRE—Nearest of	2100
the most critical Tulip grower4	0 3.25	all to the black color60	4.50
DREAM—It is really like a		LENOTRE-Rose shaded blush,	
dream to see this beautiful lilac-shaded tulip	0 4.00	extra early forcing variety90	7.00
EUROPE—A fiery scarlet with		madame krelage—Bright pink, light edge; large flower60	4.50
white center; an extra fine		MRS. MOON — (Fulgens maxi-	4.00
variety	0 4.50	mum lutea), pure yellow, large	
FRANS HALS - Large bluish		flower	4.50
violet, new, very much rec-		W. COPELAND—Sweet laven- der	450
ommended for forcing	5 6.00	der	4.50
		DRIDE OF	



Sweet laven-	.60	4.50
sweet laven-	.60	4.50
PRIDE OF HAARLEM— Magnificently formed flower of immense size; brilliant, deep salmon- rose, shaded		
scarlet	.60	4.50
PAINTED LADY — The finest creamy white PRINCESS	.50	4.00
ELISABETH—Soft lilac rose edges of a paler shade on clear white base	.90	7.00
PROFESSOR RAUWEN- HOFF—Bright cherry - red, beautiful blue base; very large flower	.80	6.25
PSYCHE — Old- rose, edged white, inside lighter rose, base blue. Ht., 26 in	.50	4.00
REVEREND H. EWBANK— Vivid helio- trope - lilac, with lighter tint at mar- gin, magnifi- cent flower	.60	4.50
MIXTURE OF DARWIN TU- LIPS—Special Mixture, made up by our- selves from best distinct		
kinde	40	9 25

.40

kinds .....

3.25

# EARLY SINGLE-FLOWERING TULIPS SELECTED FIRST SIZE BULBS ONLY

By parcel post, add postage at zone rate of 1 lb. per dozen bulbs

By parcel post, add postage at zone rate of 1 lb. per dozen bulbs

It is difficult to conceive anything more brilliant in color than a bed of Tulips. Their beautiful shadings, great variety of color and intense brilliancy makes them the great favorites for early spring flowers. Another consideration in their favor is their low cost and ease of cultivation, for anybody can grow Tulips successfully.

They are within the reach of all and should be planted by every flower lover. If it is only a few, you can brighten up some spot with them. They are perfectly hardy and need very little protection during the winter.

But not only outside do they do well. Try your hand at forcing some of them indoors this year. If you admire flowers for the house there is no easier way to have them. On page 6 we have endeavored to explain briefly how to grow Tulips.

The Tulips we offer are among the most perfect flowers in form, wealth of color and variety of markings. Do not be bothered with planting cheap bulbs. All you will get out of them is disappointment. Secure the very best and make sure of the results.

The letters A, B or C following the varieties indicate their earliness of bloom; those marked A flower together and are the earliest; B's follow before A's are out of bloom, etc. The figures indicate average height in inches.

SINGLE SCARLET OR RED

RED AND YELLOW

etc. The figures indic				ight :
SINGLE SCAR	LET	OR R	ED	
			oz.	100
ARTUS—B. 7. Deep	red,	fine		
bold flowers, very forcing and bedding BELLE ALLIANCE—B liant scarlet, yello			0.50	\$4.00
BELLE ALLIANCE—B	11.	Bril-		φ 2100
liant scarlet, yello	) W	base;		
riety for early for does very well for	cing	and dding		
also			.60	4.50
also COULEUR CARDINAL	—С	12. A		
bright crimson-scarl	et, w	ith a		
bright crimson-scarle deeper tone or bloo outer petals. A be	m or d nl	anted		
wholly to this var	ietv	is a		
wholly to this vargrand sight. Grand	for	mid-		
season forcing			.70	5.50
CRAMOISI BRILLIAN	oz.	$C^{100}_{9}$		
Glowing scarlet, vel	low	base.		
Glowing scarlet, yel Excellent bedder\$	0.50	\$4.00		
TO THE A TRACE TO SELECT TO SELECT				
deep scarlet, a grand bedder  PRINCE OF AUS-				
grand bedder	.50	4.00		
TRIA — B 10. Bril-			1	
liant orange-scar-			- 1	
let: vellow bace:				
large and showy flower; deliciously				
sweet scented. Good				
for bedding or forc-				
ing	.60	4.50		
POTTEBAKKER,				
SCARLET—A 9. Good bedder	.50	4.00	Page .	
	.00	1.00	100	
L I A N T — A 12.				
bright gustening				
scarlet, with yel- low base. For				
low base. For forcing or bedding.	.75	6.00		100
SINGLE WHIT		0.00		
LADY BOREEL — B	1 12			
13. Snowy white;				
large, long flower of splendid shape.				
of splendid shape. The finest white for				
bedding, and superb				
for pots or pans.			1	14 50
Cannot be forced so				1000
early as White	.60	4.50		\@ #
POTTEBAKKER,	.00	4.00	- 1	V255
WHITE—A 9. Pure				<b>V</b>
WHITE—A 9. Pure white; large and showy flower. Ex-				1
snowy nower. Ex-				
cellent for bedding or forcing	.60	4.50		
WHITE HAWK—A 10.	,			
January forcing.				
Large pure white flower of globular form; excellent shipping variety				
form: excellent				
shipping variety	.50	4.00		

shipping variety...

.50

4.00

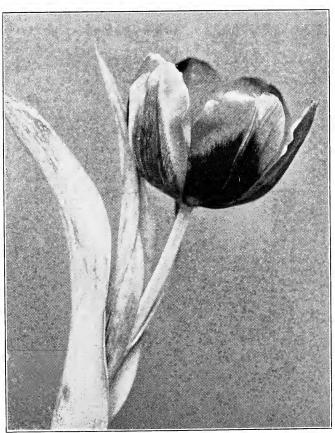
### RED AND YELLOW Doz. DUCHESSE DE PARMA—B 10. with Deep orange maroon irregular border of deep yellow. Excellent for bedding...\$0.60 JOOST VAN VONDEL—B 9. Cherry red, feathered white through center of petals...........50 KAISERKROON—B 12. Red, \$4.50 4.00 edged clear rich yellow. This old variety, which forces well, seems to become more popular every year, specially for bedding. A bed of these big, showy flowers on their strong, tall stems is a glorious sight. Extra large bulbs..... .75 6.00



400

### EARLY SINGLE-FLOWERING TULIPS

Doz.	100	Doz.	100
PINK AND ROSE		ROSE GRIS-DE-LIN—C 10. Rose	
COTTAGE MAID—B 9. Rosy		flushed and feathered creamy	
pink edges, shaded to white. \$0.50	\$4.00	white. Very fine for bedding. \$0.50 ROSE LUISANTE—C 10. Bril-	\$4.00
FLAMINGO — B 12. Carmine-		liant deep rose-pink; large	
rose, shaded lighter. The		flower of great substance.	
petals are striped white and		Splendid for bedding or for	
very crinkled, giving the		pots and pans when forced	
flower a decidedly artistic ap-		late	6.00
pearance. A very popular			0.00
variety among florists for		SINGLE YELLOW	
forcing on account of its odd		CHRYSOLORA—B 10. Clear,	
color and habit	4.50	golden yellow; large globular	
IBIS—B 14. Quite the finest		flower. Excellent for bedding50	4.00
novelty offered by us this		KING OF THE YELLOWS	
year. A brilliant dark pink		A 14. Deep golden yellow;	
color when grown indoors. A		the flowers are egg-shaped, very substantial and carried	
grand exhibition variety75	6.00	on a tall stem, which makes	
PINK BEAUTY—C 12. Bright		them excellent for cutting.	
cherry-rose, center of petals		One of the earliest yellows	
striped white. It has no		which should be much more	
equal as a bedder, for the		used for early forcing50	4.00
stem is strong and the white		MON TRESOR—A 12. Golden	
centre of the big, fleshy petals		yellow. One of the earliest	
shows up very conspicuously		ard easiest forcers. The	
against the broad, vivid rose edges. Does well in pans, but		flowers are large and of the	
not before March 1.00	8.00	purest golden-yellow. Mostly	
	0.00	used for growing in pots and	
<b>PROSPERITY</b> —B 12. Rose pink, splendid for early forcing and		pans, for which purposes it is the best yellow; a good bedder	
bedding	4.00	also	4.00
bedding	7.00		
		POTTEBAKKER,	x Er-



Single Tulips

POTTEBAKKER, YEL-LOW—A 9. Large yellow. Per dozen, 50c; per 100, \$4.00.

THOMAS MOORE—B 12. Rich apricot-orange. Excellent for bedding or forcing. Per dozen, 50e; per 100, \$4.00.

YELLOW PRINCE— B 10. Excellent for bedding or forcing. Per dozen, 50c; per 100, \$4.00.

# SINGLE VIOLET

PRESIDENT LINCOLN

—B 12. Large flower
of clear magenta-violet, slightly paler in
tone when grown indoors. A variety that
looks well when
bedded out with a
pale yellow variety.
Per dozen, 50e; per
100, \$4.00.

WOUVERMAN — B 9.
Deep violet, fine bedder. Per dozen, 50e;
per 100, \$4.00.

# "PURE AND SURE"

# Special Mixed Tulips

They are fine for bedding, as this mixture is made up of a great variation in colors and shades, which makes an effective group when massed in beds. And what is more, they are offered at a lower price than the named varieties. Per dozen, 40c; per 100, \$3.00.

### DOUBLE EARLY TULIPS

The double Tulips are very desirable for bedding purposes and while they are generally later in blooming than the single sorts, the length of time they bloom lasts much longer than those of the single early varieties.

Doz.	100	Doz.	100
AZALEA-One of the best dou-		PEACH BLOSSOM—Dark rose,	
ble pink Tulips\$0.90	\$7.00	large beautiful shaped flower	
COURONNE D'OR - Fine old		on strong stem, a gem for	
golden-yellow color with slight		forcing and bedding. It is the	
orange shade, large well-		most popular double Tulip\$1.00	\$8.00
formed flower of great sub-		REX RUBRORUM-Fine bright	
stance and on strong stem;		scarlet, large flower; extra for	
extra for forcing. The only		forcing and splendid for bed-	
popular double yellow Tulip60	4.50	ding	4.00
LE MATADOR-A 10. Dazzling		w	1.00
scarlet, fine for bedding and		RUBRA MAXIMA—A 9. One of	
forcing	4.50	the best scarlets, either for	4.00
LUCRETIA-Bright pink, obvi-		bedding or forcing	4.00
ous color, very large well-		SALVATOR ROSEA—A 9. Light	
formed flower and if forced		pink, extra	4.50
well, the best selling of all		SCHOONOORD—B 12. A beauti-	
the doubles	4.00	ful, pure white sport of Mu-	
LA CANDEUR-White, green		rillo, with the same excellent	
tipped, large full double flower		forcing qualities. One of the	
on strong stem; extra for bed-		best, if not the best white	
ding	4.00	double	4.50
MURILLO—White, shading to		TOURNESOL-B 9. Red and	
delicate pink, large beautiful			4.50
shaped flower on strong stem;		3	4.00
a gem for forcing and bed-		TOURNESOL—B 9. Yellow,	
ding	4.00	bright yellow, shaded orange60	4.50
MR. VAN DER HOEF-Pure		TEA ROSE—B 10. Pale yellow	
golden yellow, large flower,		flushed salmon, quite a dis-	
good forcer. Sport of Murillo,		tinct shade in Tulips and a	
extra	6.50	lovely color	4.00

### Double Mixed Tulips

They are fine for bedding, as this mixture is made up of a great variation in colors and shades, which makes an effective group when massed in beds. Per dozen, 50c; per 100, \$4.00.

### Prepared Bulb Fibre

This material has become very popular for growing bulbs in, and is especially adapted for use in the home, being clean and odorless, and as it is light in weight, can be sent to a distance at small expense.

It contains all the necessary plant food for almost all kinds of bulbous plants.

Before using it should be thoroughly moistened, and the bulbs planted in the same way as if soil were used. A special feature of this material is that bulbs can be grown in it in jardinieres, fern dishes and other non-porous receptacles without drainage. In such cases it is necessary to put a few pieces of charcoal in the bottom of each receptacle to take up ay impurities, and after watering, the jardinieres or dishes should be turned over on their side to allow any surplus water to drain off.

Treatment after planting in this material is the same as when planted in soil.



Couronne d'Or

# NARCISSUS—PAPER-WHITE GRANDIFLORA

THE POPULAR LARGE-FLOWERED BUNCH NARCISSUS FOR CHRISTMAS BLOOMING EITHER IN SOIL OR STONES AND WATER

A very decorative class of bulbous plants for greenhouse and window garden. They produce large trusses of bloom and are quite fragrant. There are hardly any of the Narcissi that respond to forcing so easily and quickly, and a large number of florists have them in bloom from November until Easter. bloom from November until Easter. The variety Paper-White can be grown in water, with pebbles in shallow dishes or bowls.

Six bulbs to be planted in an ordinary-sized dish. It is advisable to start the bulbs in a dark place for four to six days. Grow cool and give plenty of water. In order to grow successions of blooms during the ordina winter a plant average. grow successions of blooms during the entire Winter, plant every two weeks. Mammoth Large Flowering Bulbs, per dozen, 75c; per 100, \$6.00. First size bulbs, regular stock, per dozen, 50c; per 100, \$4.00.

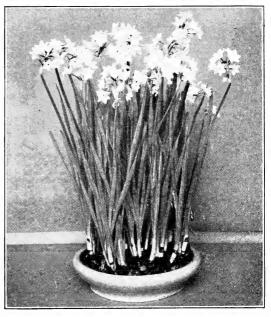
#### Grand Soleil d'Or

popular yellow bunch-flowering variety of the Polyanthus type. Flowers a clear, sunny yellow, with bright orange cups. Excellent for early flowering indoors. Per dozen, \$1.20: per 100. \$9.00. \$1.20; per 100, \$9.00.

### CHINESE LILIES Joss Flower or Sacred Lily

These, like the Paper-Whites, are largely grown indoors and are excellent for forcing. They are similar to the Paper-Whites, but have a yellow cup in the center. The outer rim of the flower is white. Mammoth Bulbs only, each, 200: ner dozen, \$2.00.

20c; per dozen, \$2.00.



Giant Paper-White Grandiflora

# BULB BOWLS FOR NARCISSUS

Earthenware bowls made of hard pottery. They are adapted for Paper-White Narcissus and Chinese Lilies, to grow in gravel.

5 inch, 75c each; 6 inch, 95c each; 7 inch, \$1.25 each.

Gravel for bulbs. Per quart 5c. Postage extra.



Double Von Sion Narcissus

### DOUBLE NARCISSUS OR DAFFODILS

These old-fashioned daffodils are still very popular and though they lack the sturdiness of some of the single the sturdiness of some of the single varieties as bedders, they have a delightful fragrance and are excellent for cutting, while the old Von Sion has no equal. This is the old favorite variety, so highly prized in old-fashioned gardens. Excellent for other foreign or cut flowers. If either forcing or cut flowers. If planted out of doors it can remain where planted for a number of years.

VON SION'S XXX—Extra fancy ble-nosed mother bulbs. T ble-nosed mother bulbs. These never throw less than three flowers, often more. These are fine for pans. Per dozen, 90c; per 100, \$7.50.

Per dozen, 90c: per 100, \$7.50.

VON SION SELECTED SINGLE-NOSED
BULBS—Each bulb will produce at
least one fine flower and often two.
Per dozen, 70c; per 100, \$5.00.

ORANGE PHOENIX (BACON AND
EGGS) — Beautiful double white
flowers, with orange nectary. Splendid for pot culture and cutting and
for garden decorations. Per dozen,
75c; per 100, 86.00.

75c; per 160, \$6.00.

SULPHUR OR SILVER PHOENIX—
Ceamy white, with pale sulphur center, considered the finest of the double sorts. Per dozen, 85c; per 100, \$6.50.

# SINGLE NARCISSUS—GIANT TRUMPET VARIETIES

PARCEL POST, ADD POSTAGE AT ZONE RATE OF 2 LBS. PER DOZEN BULBS BY PARCEL POST, ADD POSTAGE AT ZONE RATE OF 2 LBS. PER DOZEN BULBS
There are no hardy bulbous plants which have more points of merit than the
Narcissus. Perfectly hardy, growing and doing well in almost any soil, they have a preference for a good, deep soil, and a semi-shaded position—amongst the grass, under the
trees, etc., could not be used to better advantage than by filling with Narcissus.
They are equally desirable for pot culture or for winter flowering. Three or four
bulbs can be put into a 5-inch or 6-inch pan or pot and with the same treatment as
given to Hyacinths. But it is outdoors that Narcissus do best, and if planted in October
or November out in the open ground in a good soil, let them remain undisturbed. After
flowering let the leaves die back, but do not cut them off or the bulb will not flower
next year. Set 5 inches deep and 6 to 8 inches apart. The bulbous roots will multiply
and send up fine long flower stems every Spring. Be sure to keep the ground moist
during the growing season if season is ary. We handle only strictly selected bulbs
that are sure to produce satisfactory returns. that are sure to produce satisfactory returns.

9.50

EMPEROR-One of the largest and finest Daffodils in cultivation, pure yellow trumpet of immense size, and wide over-lapping, rich primrose perianth; for bedding, naturalizing or for growing in the house it is unequaled.

\$8.00 6.50

mammoth double nose bulbs...\$1.00
First size, round bulbs...\$0
GLORY OF SASSENHEIM—An
enlarged Bi-color Victoria
perianth white, trumpet golden yellow; a very large and
substantial flower.

Mammoth double nose bulbs..

GOLDEN SPUR—A very good va iety, both perianth and trumpet being of a rich yellow color. It is of unusually robust habit and unsurpassed

robust habit and unsurp-for garden, pots, or forc-ing. Mammoth double nose bulbs, per dozen, \$1.00; per 100, \$8.00. First size, roud bulbs, per dozen, 65c; per 100. \$5.00.

KING ING ALFRED—Golden yellow perianth, beautifully formed, large bold flowers. Mammoth dou-ble nose bulbs, per dozen, \$2.00; per 100, \$16.00.

PRINCEPS-Flowers large; perianth sulphur, an immense, rich yellow trumpet. Mammoth trumpet. Mammoth double nose bulbs, per dozen, 90c; per 100, \$7.00. SPRING GLORY

Clear white perianth with long petals of splendid form, long trumpet of deep yellow, well reflex-ing at the brim. A very vigorous grower and one of the best of the newer Daffodils for pot culture. Per dozen, \$2.50; per 100, \$19.00.

### **JONQUILS**

We frequently receive orders for Jonquils when the Giant Trumpet Daf-fodils are desired. The Jonquils belong to a distinct type of the Narcissus family

DOUBLE JONQUIL-Douhle deep golden yellow flowers. Per dozen, 50c; per 100, \$4.00.

SINGLE JONQUIL—Rich vellow: very fragrant yellow; very fragrant. Per dozen, 30c; per 100, \$2.50.

CAMPERNELLE - Large, yellow flowers, four to six on a stem; fine for forcing. Par dezen, 60c; per 100, \$4.50.

IR WATKIN—Color a rich light yellow, with a very large dark cup, tinted with a SIR rich orange.

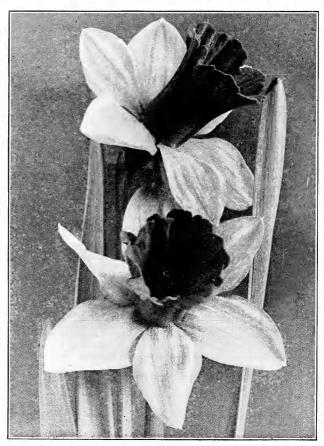
Mammoth double nose bulbs. \$1.00 \$8.00

VICTORIA—Bi-color, famous for its large and duable flowers, which stand boldly erect; perianth of creamy large broad, fluted broad white; large fluted trumpet of rich yellow.

Mammoth double nose bulbs.. 1.00 8.00 First size..... 6.50

VAN WAVEREN'S GIANT—The largest of all trumpets, peri-anth primrose, trumpet bright orange-yellow.

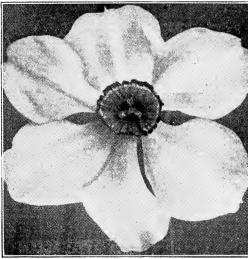
Mammoth double nose bulbs.. 2.50 19.00



# MEDIUM TRUMPET NARCISSUS

This is also a very popular type or rather types of the Narcissus or Daffodil family. Splendid for garden culture, in pots or pans, or in flats, for cut flowers.

AUTOCRAT (INCOMPARABILIS) — Clear golden yellow; broad perianth tending to reflex, cup widely expanded at the mouth. Height 20 inches. Selected bulbs, per dozen, 75c; per 100, \$6.00.



Poet's Narcissus

BARRII CONSPICUUS - Large, spreading perianth of soft yellow; short, yellow cup, edge bright orange-scarlet. Per dozen, 60c; per 100, \$4.50.

LANGTRY (LEEDSH)—A markably free-flowering variety, each bulb usually producing several flowers; broad, white periauth, and white cup opening pale primrose. Height 16 inches. Selected bulbs, per dozen, 50e; per 100, \$4.00.

LUCIFER—Handsome white perianth, cup glowing orange red. Per dozen, 75e; per 100, \$6.00.

### POET'S NARCISSI

### Poeticus Narcissus

This class of Narcissus, instead of having a trumpet or crown, has a small, wide-mouthed cup. They are very hardy, and are used in large numbers for naturalizing.

POETICUS ORNATUS—This is the old-fashioned favorite type, with white flowers, the cups margined with red and with rich, spicy odor. Per dozen, 50c; per 100, \$4.00.

 $\mathbf{or}$ LISSE — The improved Poeticus ornatus, a splendid forcer. Per dozen, 60c; per 100, \$4.50.

## CROCUS—GIANT FLOWERING

Crocuses, among the first flowers to bloom in the early Spring, are always the admiration of everyone, especially when planted amid the grass in lawns, their bright flowers producing a fine contrast. They may also be planted among other Spring-flowering bulbs, such as Tulips, Hyacinths and Narcissi, making a splendid show before the other varieties begin to bloom.

other varieties begin to bloom.
ALBION—Dark purple, striped
white, extra large, fine flower.
Per dozen. 30c; per 100, \$2.00.
BARON VON BRUNOW—Very
large, deep rich purple. Per
dozen. 30c; per 100, \$2.00.
CAESAR — Purple, fine large
flowers. Per dozen, 40e; per

100. \$3.00.

KATHLEEN PARLOW-Purest white, large orange anthers, fine substance. Per dozen, 40c;

per 100, \$3.00.

KING OF THE BLUES—Dark blue, large flower. Per dozen, 35c; per 100, \$2.50.

MAMMOTH YELLOW—Golden yellow, mammoth bulbs, free

flowering. Per dozen, 40c; per 100. \$3.09. MONT BLA

ONT BLANC-A pure white good. Per dozen, 30c; per 100, \$2.00.

\$2.00.

SIR WALTER SCOTT — Large white, striped with lilac. Per dozen, 30c: per 100, \$2.00.

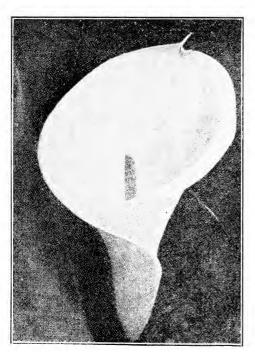
PALAS — White ground, light lilac spikes, orange anthers. Per dozen, 35c; per 100, \$2.50.

CHOICE MIXTURES OF CROCIS

The following mixture is well adapted for bedding. naturaliz-100, \$2.00.



Kathleen Parlow



Calla Lily

### LILIUM LONGIFLORUM GIGANTEUM JAPANESE EASTER LILY BEST GROWN INDOORS

Best of all lilies for indoor pot culture; bulbs planted when received can be readily brought into bloom by Easter if kept in a warm room or greenhouse. Flowers are large trumpet-shape, pure white in color and of a delicious fragrance.

Select size, each, 35c; per dozen, \$4.00.

### HARDY LILIES BULBS READY IN NOVEMBER

Best among shrubs and hardy border. Plant the bulbs 4 to 6 inches deep, putting some sand under and around the bulbs, and after covering protect with 6 or 8 inches of leaves or other litter, which must be removed in late spring.

April planting is advisable, if prevented planting the previous fall.

ALBUM—The white Speciosum, which is usually grown with Magnificum and Lilium auratum, is a very dainty Lily. Large bulbs, each, 40c; per dozen, \$4.50.

AURATUM—(The Golden Rayed Lily of Japan.) The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Large bulbs, each, 40c; per dozen, \$4.50.

MELPOMENE—Frosted white spotted, clouded and bordered with pinkish crim-Petals deeply recurved and widely bordered.

Large bulbs, each, 40c; per dozen, \$4.50.

SPECIOSUM RUBRUM-Petals are thickly dotted with rose or crimson spots and the graceful form and brilliant color make them verv effective and desirable. Especially thrifty and hardy, Large bulbs, each, 40c; per dozen, \$4.50.

#### LILY BULBS

# PLEASE NOTE: WE HANDLE SELECT BULBS ONLY

For color, fragrance, beauty and variety of form, nothing can equal these grand flowers; whether grown in pots or grouped in the hardy plant border, where their hardiness makes them so desirable.

### CALLA LILIES

Callas occupy a prominent place among our favorite house plants because they are so easily grown and give thorough satisfac-tion, even where they only receive mod-erate attention and nursing. For best results they should be planted in rich soil, and plenty of water during the growing period is essential to ideal development.

Large bulbs, each, 40c; per dozen, \$4.50. Medium bulbs, each, 25c; per dozen, \$2.50.

### LILIUM CANDIDUM (MADONNA LILY)

#### ARRIVE IN AUGUST OR SEPTEMBER

The favorite Lily of the old-fashioned garden, produces strong, stiff stems, studded with a mass of pure, glistening white flowers, that enliven the perennial flower-garden or, for contrast with the beautiful green shrubs of the June garden, are unequaled, frequently growing 41/2 feet high.

Plant some bulbs during September and October and enjoy a big crop of flowers next June.

Selected bulbs, each, 35c; per dozen, \$4.00.

### LILIUM LONGIFLORUM FORMOSUM

The plants are of healthy, strong growth and produce beautiful snow-white trumpet-shaped flowers.

Selected bulbs, each, 35c; per dozen, \$4.00.



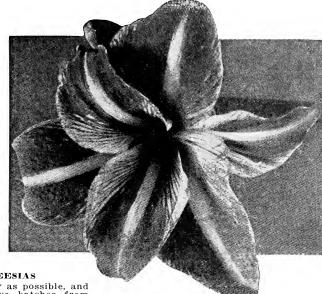
Hardy Lilies

### AMARYLLIS

The Amaryllis is preeminently a window garden plant for the amateur, producing under the simplest conditions one, two and even three spikes, two feet or more high,

HYBRIDS - Flowers of largest size composed of broad, well-rounded, over-lapping petals; gigantic blooms of the most perfect form, ranging in select form. in color from pure white rose, red and crimson to the richest self colors as scarlet. Each, 75c.

BELLADONNA-A beautiful rose pink fine flower. Each, 50c.



IXIAS

The Ixia is a beautiful little winter-flowering bulb, with long, slender, graceful spikes of bloom. The colors are rich, varied and beautiful.

Mixed Colors, 30c per doz.; \$2.00 per 100.

### MUSCARI (GRAPE HYACINTH)

Beautiful little flowers for planting in masses either in shade or sun. Once planted, they multiply rapidly and send up flower stems by the score each year.

BLUE—Pretty little spikes of dark blue flowers; an old garden favorite, used largely for small beds, edging, etc. Per dozen, 50c; per 100, \$3.50.

Most of these Oxalis flower from October until Christmas, and later. Easily grown. BERMUDA BUTTERCUP - Yellow, per dozen, 50c; Pink, per dozen, 50c.

#### SPANISH IRIS

These exquisite and dainty flowers may be justly termed the "poor man's orchid," as the colorings and markings are scarcely

surpassed by that noble genus. The flowers are exceedingly graceful, of large size, frequently 4 to 5 inches across, and are borne on stems 24 inches tall.

Plant bulbs 3 to 4 inches deep, and the

same distance apart.

100 Doz ..\$0.60 \$4.75 4.75 .60 .60 4.75 BRITISH QUEEN-Pure white . .

SCILLAS (Blue Bells)

BIRICA—Bright blue, nothing more beautiful for edgings or pots in early spring, flowering with the Snowdrop. Height, 4 inches. Per dozen, 50c; per SIBIRICA—Bright fleight, 100, \$3.50.

CAMPANULATA—Large bells, clear blue, very erect in habit (15 inches). Per dozen, 40c; per 100, \$3.00.

SNOWDROPS

In the early spring months there is nothing more beautiful than a sheet of the snowy, graceful blossoms of the Snowdrop. Per dozen, 35c; per 100, \$2.50.

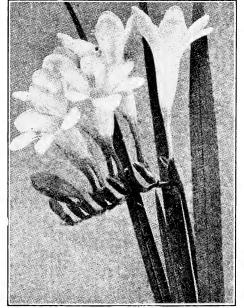
### IMPROVED FREESIAS

Procure the bulbs as early as possible, and plant them in successive batches from August to October. The soil should be a mixture of loam, to which must be added leaf-mold and sand.

IMPROVED PURITY-The finest and est white variety yet introduced. PURITY WHITE—Extra large bulbs, per dozen, 50c; per 100, \$4.00.

#### COLORED FREESIAS

These beautiful novelties are rapidly winning favor on account of their lovely and unique colorings, viz.: shades of pink, purple, violet, yellow and mixed colors. Per dozen, 50c.



Freesias

### HERBACEOUS PEONIES

Roots Ready in October



position.

DUCHESSE D'ORLEANS —A deep pink, bearing fine flowe s; one of the best keepers.........\$0.50 \$5.50 EDULIS SUPERBA-Beautiful deep-rose pink, large and of good form; fragrant flowers, a fine variety. 4.75 FESTIVA MAXIMA Very large, pure-white flowers; tall and vigorous stalks, early..... .60 6.50 QUEEN VICTORIA - A strong-growing pure white variety with creamy-white center .. 4.50 FELIX CROUSE — Rich ruby red; bomb type; fragrant; midseason; .90 blooms freely.....

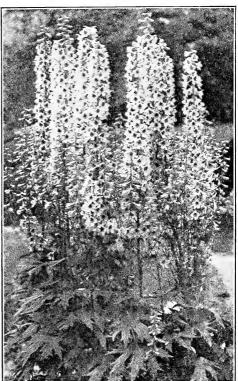
# FLOWER SEEDS FOR AUTUMN SOWING

FLOWER SE	LD:	) FU
	Pkt.	¼ Oz.
ANTIRRHINUM, Giant Flower-		
ing—		
Golden King-Giant yellow	. \$0.10	\$0.40
Rose Queen-Soft pink		.40
Striped	10	.40
Garnet	10	.40
Venus—Delicate pink	10	.40
Queen Victoria—White	10	.40
Purple King Mixed	15	.60 .40
mixed	10	.40
ANTIRPHINUM NANUM GRAN-	-	
DI-FLORUM-Finest strain.		
Carmine Queen—Brilliant, rose Empress—Rich velvety crim-	.10	.50
Empress—Rich velvety crim-	-	
son	10	.50
Fawn—Terra cotta pink Golden Queen—Clear yellow	10	.50 .50
Purity—Pure white	10	.50
Silver Pink (Wallers)—Pearly	10	.50
pink self	10	.50
Mixed, named varieties	10	.50
DAISY-		
Bellis Rose	10	1.00
Bellis White	10	1.00
Bellis Double Mixed	10	1.00
Shasta	10	.50
AQUILEGIA-		
Californica Hybrids-Exquisi	te flo	Wers
in yellow and orange shade	s. all	with
low spurs. Price: Pkt., 10c.	ο, α	** 1 € 11
Long-Spurred Hybrids-This	bea	utiful
strain of Columbines comp	rises	new
and pleasing shades and co	mbina	itions,
ranging through all the shade	es of 1	laven-
der, blue, mauve, white, yell	ow. o:	range,
scarlet and bright rose-pink.	The	plants
are perfectly hardy. Price: P	kt., 10	e.
CALENDULA—	Pkt.	¼ Oz.
O T** T		

are perfectly nargy. Price: I	PKt., 10	e.
CALENDULA—	Pkt.	¼ Oz.
Orange King—Deep orange Prince of Orange—Golden ve	. \$0.10	\$0.75
low		.25
CINERARIA — Giant Prize — Extr. Price: Pkt., 20c.	- Semi	-Dwf.,
DIA NUMBER OF	T	1/ 0

DIANTHUS-Pkt. ¼ Oz. Plumarius Single Mixed.....\$0.10 Plumarius Double Mixed......10 \$0.25





Delphinium

## FLOWER SEEDS FOR AUTUMN SOWING

GAILLARDIA Pkt., Grandiflora Compacta. 10c; ¼ oz., 25c. Grandiflora — Oculata — Extra.

Pkt., 10e; 1/4 oz., 25c. GYPSOPHILA

Gr. Fl. Elegans White. Pkt.. 10c; ¼ oz., 20c. Gr. Fl. Elegans Rose. Pkt., 10c; ¼ oz., 20c. Paniculata Single. Pkt., 10c;

1/4 oz., 20c.

HOLLYHOCK

Charters Double Crimson. Pkt., 10c; ¼ oz., 35c.

Double Rose. Pkt., 10c; 1/4 oz., 35с.

Double White. Pkt., 10c; 1/4 oz., 35c. Double Light Pink. Pkt., 10c;

¼ oz., 35c. Double Sulp. Yellow. 10c; ¼ oz., 35c. Double Maroon. Pkt., 10c; ¼

oz., 35c. Double Mixed. Pkt., 10c; ¼ oz., 35c.

LUPINUS

Perennial Mixed. Pkt., 10c. ST. L. S. CO. GIANT PANSIES. St. L. S. Co.'s "Nonpareil" Mixture—This is certainly one ture—This is certainly one of the grandest collections of the rarest and most beautiful varieties of Pansies. There is no end to the countless shades of color with which nature has endowed this mixture. The flowers are of a learn sing and the plants grow ture. The nowers are large size and the plants grow more compactly bushy than more compactly bushy than other mixtures. Pkt., 20c; ¼ than oz., \$2.00.

oz., \$2.00.

Imperial Giant, Mixed—They embrace all the solid or selfcolors. Pkt., 15c; ½ oz., \$1.25.

Masterpiece — This grand
giant Pansy is remarkable in
having the borders of the
petals waved or frilled, which
gives the flower an almost
double appearance; the type is
altogether novel and distinct. altogether novel and distinct. Pkt., 15e; ¼ oz., \$1.25.



CASSIER'S GIANT BLOTCHED-Mixed.

Pkt., 20c; 1/4 oz., \$1.50

BUGNOT'S GIANT BLOTCHED-Mixed.

Pkt., 15e; 1/4 oz., \$1.25

SWEET WILLIAM

Scarlet Beauty. Holburn Glory. White. Single Mixed. Double Mixed.

Pkt., 10e; ½ oz., 35e Pkt., 10e; ½ oz., 35e Pkt., 10e; ½ oz., 35e Pkt., 5e; ½ oz., 20e Pkt., 10e; ½ oz., 25e

# EARLY or WINTER-FLOWERING SPENCER SWEET PEAS

AMETHYST-A fine royal purple, long

stems. Pkt, 15c; 1 oz., 75c.

ASTA OHN—Identical in color and size of blossom to the late flowering Asta Ohn;

blossom to the late flowering Asta Ohn; a fine lavender. Pkt., 15c; 1 oz., 75c. AVIATOR—This is the most brilliant Sweet Pea yet introduced. A true early, everblooming type, of robust habit. The color may best be described as a glowing poppy scarlet. Pkt., 15c; 1 oz., 75c. BLANCHE FERRY SPENCER—Bright rose, the wings being pinkish or bluish-white. Pkt., 15c; 1 oz., 60c. EARLY NEW BLUE—A free flowering early deep blue, very fine, of robust habit, long stems. Pkt., 25c; 1 oz., \$2.00. EARLY FLAMBEAU (New)—A pure orange slightly tinged with cerise; very large, free flowering. Will not burn. Pkt., 25c; 1 oz., \$2.00.

1 oz., \$2.00. FAIR MAID—This is the finest bluish pink AIR MAID—This is the finest bluish pink Early Spencer Sweet Pea to date. It is the result of a cross with Elfrida Pearson. Pkt., 15c; 1 oz., 75c.

LITTERS (Early Royal Scot)—Standard bright fiery orange; wings deep orange. Pkt., 15c; 1 oz., 75c.

ELEN LEWIS—Very fine, salmon pink.

HELEN

Pkt., 15c; 1 oz., 60c. HARMONY—An exceptionally choice clear lavender; very large flower. Pkt., 15c; 1 oz., 75c.

HEATHER BELL-Flowers large. Color. a rich mauve lavender. Pkt., 15c; 1 oz., 75c.

MADONNA—Finest large white, free bloomer with long stems, beautifully waved, black seed. Pkt., 15c; 1 oz., 75c.

MELODY—A deep shade of rose-pink. Closely resembling the late flowering "Countless Spencer." Pkt., 15c; 1 om. Pkt., 15c; 1 os., 75c. MRS.

A. SKACH-Flowers very bright shell pink. Fine for late sowing. Pkt., 15c; 1 oz., 75c.

ROSE QUEEN-One ofthe choicest varieties. The flowers are borne on long stems, are of large size and free bloom-

stems, are of large size and free bloomers. Pkt., 15c; 1 oz., 75c.

SNOWSTORM—This is by far the finest of all white Winter flowering varieties. Pkt., 15c; 1 oz., 75c.

VENUS—Standard white; slightly blushed.

pink; wings white; free bloomer. Pkt., 15c; 1 oz., 60c.

YARRAWA—Flowers exquisitely waved, of

lankawa—riowers exquisitely waved, of large size. Color, a pleasing shade of bright rose pink. Pkt., 15e; 1 oz., 60c.

ZVOLANEK BLUE—Of the blue jay color, considered one of the very best blues. Pkt., 15e; 1 oz., 60c.

ZVOLANEK ROSE—This is the very best companying variety to date. Pkt. 20c. 1

commercial variety to date. Pkt., 20c: 1 oz., \$1.00.

### SEEDS FOR AUTUMN PLANTING

ENDIVE

CURLED—Ornamental curled of dark green color. Blanches GREEN leaves of dark green color. Blanches white and crisp. This is the standard variety and most widely planted. Price: Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00. BROAD-LEAVED or ESCAROLLE—Broad, thick ribs, with slightly wrinkled leaves.

This is the best broad-leaved variety. Price: Pkt., 10c; oz., 25c; 1/4 lb., 75c; lb.,

\$2.00.

KALE DWARF GERMAN GREEN HOME GROWN (for Fall)—Largely grown for supplying "greens" during the Fall, Winter and "greens" during the Fall, winter and Spring. The plants are hardy; frost improves the quality. The leaves are very large, deeply curled and fringed, and of that desi able rich bright green color. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1 lb., 75c.

LETTUCE

GRAND RAPIDS—Especially adapted for early family use. A loose-headed Lettuce of pleasing appearance and remarkable table merit. Price: Pkt., 10c; oz., 25c; 1/4 lb., 75c; 1 lb., \$2.00.

ST. L. S. CO.'S BLACK SEEDED FORCING—The favorite of gardeners who grow

for the St. Louis market, where there is always a big demand for this popular variety. Price: Pkt., 10e; oz., 25c; 1/4 lb.,

75c; 1 lb., \$2.00.

ST. L. S. CO.'S BIG BOSTON—This grand variety has proved to be most valuable and is now being more extensively grown for market and private use than any lettuce. Price: Pkt., 10c; oz., 25c; 1/4 lb., 75c; 1 lb., \$2.00.

SPINACH
BLOOMSDALE, or SAVOY—This is by far the most popular Spinach among the gardeners and is the best Spring and Fall Spinach ever offered. It quickly grows spinacii ever officieu. It quitety grows into a fine, large crop and a crop of this variety outweighs any other variety. Price: Pkt., 5c; oz., 10c; ½ lb., 20c; 1 lb., 50c; 10 lbs., \$2.00.

LONG SEASON—Leaves round and curled. Produces large round thick dark green

Produces large, round, thick, dark green leaves. Price: Pkt., 5c; oz., 10c; 1/4 lb., 20c; 1 lb., 50c; 10 lbs., \$2.00.

RADISH

EARLY SCARLET TURNIP WHITE TIP-A very handsome and attractive Radish of a rich, carmine scarlet color and tipped white. It is invaluable for forcing or for open in ground. Price: Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1 lb., 60c.

EARLY SCARLET GLOBE-The interior of the root is pure white, mild, crisp and fine grained. Price: Pkt., 5c; oz., 15c; 1/4

fine grained. Five. 1888.

Ib., 30e; 1 lb., 75c.

WINTER VARIETIES

ROUND BLACK SPANISH—The roots are round, sometimes slightly top shaped, three or four inches in diameter. The

round, sometimes slightly top shaped, three or four inches in diameter. The skin is almost black. Price: Pkt., 5e; oz., 10e; ½ lb., 25e; 1 lb., 75e.

LONG BLACK SPANISH—One of the best for winter use. Price: Pkt., 5e; oz., 10e; ½ lb., 25e; 1 lb., 75e.

WHITE SPANISH—Very solid and tender. The best white Radish for late Fall planting; largely used by our market gardeners. Price: Pkt., 5e; oz., 10e; ½ lb., 25e; 1 lb., 75e.

ROSE COLORED CHINA—Root long, of a fine scarlet color. Extremely solid and a

fine scarlet color. Extremely solid and a most excellent keeping variety. Price: Pkt., 5e; oz., 10c; ½ lb., 25e; 1 lb., 75e.

TURNIP

One ounce will sow 200 feet of drill, one to

two pounds for an acre.
PURPLE TOP WHITE GLOBE—This excel-PURPLE TOP WHITE GLOBE—This excellent table variety is globular in shape, of good size and very attractive appearance. The roots are large, purple or dark red above ground, white below. Price: Pkt., 5c; oz., 10c; 1/4 lb., 20c; 1 lb., 50c; 10 lbs., \$4.50.

PURPLE TOP FLAT STRAP LEAF—A

VERPLE TOP FLAT SINCE
Very early strap leaved variety, very extensively used for the table. The leaves are few, entire, upright in growth. Price: Pkt., 5c; 1 oz., 10c; 1/4 lb., 20c;

1 lb., 50c.

ASPARAGUS ROOTS (Ready October 15th)

Culture-The demand for Asparagus as an early Spring vegetable is becoming quite popular. An Asparagus bed intended for popular. An Asparagus bed menueu 101 family use can be quickly established by the planting of roots, which should be set out in the Spring or Fall. Dig a trench about 2 feet deep and 1½ feet wide, and fill in to about one foot from the surface with well-rotted manure. On the surface with well-rotted manure. On this put about six inches of good garden soil and lay the roots 18 inches apart, then fill up, leaving the crown about 4 inches below the surface. Asparagus should not be cut until the second year.

Extra-choice Two-year Roots

Doz. 8 Doz. \$1.75 COLUMBIAN MAMMOTH....\$0.25 PALMETTO .25 1.75 (By Parcel Post, add 5c Doz. Postage)

### SEASONABLE FARM SEED

Prices f. o. b. Boat or Railroad, and are subject to market changes

ALFALFA CLOVER (Fancy)—The King of Forage Plants—Alfalfa is the cornerupon which is being built the prosperity of wide areas of our agricultural perity of wide areas of our agricultural country—with its never-failing three and four crops of from five to six tons per acre. Price: Lb., 35c; 5 lbs., \$1.60; 25 lbs., \$6.75; 100 lbs., \$25.50.

ALSIKE CLOVER—It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. Price: Lb., 35c; 5 lbs., \$1.50; 100 lbs. \$2.00.

Clover, and pasture. Price: LD., co., 100 lbs., \$20.00.

RED CLOVER—Our strictly "Fancy Recleaned" grade cannot be surpassed by anyone. Price: Lb., 35c; 5 lbs., \$1.60; and 50.

100 lbs., \$26.50.

RED TOP—A very hardy perennial grass, succeeding best on moist land. It accommodates itself to a variety of soils, however, even to quite dry situations, and stands our hot climate admirably. Fancy or solid seed. Price: Lb., 35c; 5 lbs., \$1.50; 25 lbs., \$6.00; 100 lbs., \$21.00.

CHOICE RYE Our seed is a fine, clean, heavy yielding strain. Price: 100 lbs., \$2.75.

SEED OATS

TEXAS RUSTPROOF-The ideal Rust Proof variety, grown extensively throughout the South. Price: Bu., \$1.05.

WINTER TURF OATS-Sow in October or early November. Can be relied upon to furnish the finest of green pasture all Winter through and a good crop of grain the next Spring. Price: Bu., \$2.25.

TIMOTHY-(45 lbs. per bu.)-The best of all grasses for hay. It should be when in blossom, in June or July. P. Lb., 25c; 5 lbs., 85c; 100 lbs., \$11.50. Price:

ORCHARD GRASS (Rough Cock's Foot)—A rather coarse perennial grass that forms dense tufts. Flourishes best in the shade. Price: Lb., 40c; 5 lbs., \$1.75; 25 lbs., \$6.00; 100 lbs., \$20.00.

# ST. LOUIS SEED CO. HAVALAWN GRASS SEED

Especially Adapted to This Locality and Will Insure a Fine Velvety Lawn EVERY PACKAGE BEARS OUR GREEN LABEL

### HAVALAWN MIXTURE

Mixed of Selected Grasses. Free from Weeds. Highest Percentage of Germination

To insure a perfect lawn, there are several requisites: A good depth of rich soil, properly drained; a liberal dressing of good fertilizer; a firm, smooth surface upon which to sow the seed and Havalawn Grass Seed. The latter item is of the greatest importance. Havalawn is a mixture of the hardiest grasses that enter into any grass seed mixture. Havalawn insures a steady succession of growth—there will be no break in the

richness of the verdure from Spring until Winter.

Its success has best proved its quality. Havalawn is the one perfect lawn seed.

Havalawn provides that velvety, smooth, green lawn that wins the admiration of all who see it, for it is mixed from the seeds that produce the best lawns.

Every package of Havalawn bears our green label. There is none genuine without it. Price: Lb., 50c; 3 lbs., \$1.45; 10 lbs., \$4.50.

FANCY KENTUCKY BLUEGRASS
This famous grass is well known in all sections. It generally grows well on any stiff or loamy soil, fertile and well drained, in Central and Northern States. Kentucky Blue Grass is at its best in the Spring and Fall months, but being rather sensitive to heat, does not grow luxuriantly during the Summer. It takes a considerable time to get a good stand of this, as it grows very slowly at the start, but when once established, forms a close, compact turf, making a fine lawn. Price: 1 lb., 50c; 3 lbs., \$1.45; 10 lbs., \$4.50.

ENGLISH RYE GRASS

It grows rapidly and makes a good show-ing within month from time of sowing. Valuable for planting early on dry hill-side. Price: Lb., 30e; 3 lbs., 85c; 10 lbs., \$2.50.

### WHITE OR DUTCH CLOVER

A low, close-growing Clover; round, white heads, very fragrant. Very desirable for beautifying the lawn. It will stand close cutting and very rapidly throws up an abundance of leaves and blossoms. It is usually better to sow with other grasses. Does well on most any soil. Price: 1/2 1b., 50e; 1 lb., 90e; 5 lbs., \$4.25.

#### CANADIAN BLUE GRASS

Resembles somewhat the Kentucky Blue Grass, but is not of so good quality. It is grown very extensively in Canada and some parts of the United States. Price: Lb., 40c; 3 lbs., \$1.15; 10 lbs., \$3.50.

### FERTILIZERS

BONE MEAL—For top dressing for lawns, pastures and meadows; also for use in the vineyard and about fruit trees and bushes. It carries ammonia and phosphoric acid. Use 400 to 600 lbs. per acre. Price: 10 lbs., 65c; 25 lbs., \$1.50; 50 lbs., \$2.50; 125 lbs., \$5.00.

HUMUS-An excellent article to incorpo-HUMUS—An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with ½ to 2 inches of Humus and spaded in. For lawns cover ½ inch thick. Price: 50 lbs., 90c: 100 lbs., \$1.50.

HYDRATED LIME—Hydrated lime used for top dressing on lawns and mixing soil for potting plants. 50 lbs. to cover 1000

for potting plants. 50 lbs. to cover 1000 square feet. **Price:** 10 lbs., 35c; 50-lb. bags, 90c.

NITRATE OF SODA—Carries nothing but nitrogen (ammonia)—no phosphoric acid or potash. It is highly stimulating. On grass or other vegetation it is visible in a few days after application. Price: Lb., 15c; 10 lbs., \$1.00; 50 lbs., \$3.50.

PULVERIZED LIMESTONE—As a crop-producer, we hardly believe it has an equal. It is made from the purest crys-talline white limestone obtainable. Bags of 100 lbs., \$1.50; 1/2 ton, \$12.50.

PULVERIZED SHEEP MANURE—As a top dressing for lawns there is nothing bet-Promotes a steady and rapid growth in the vegetable garden. For garden and field crops, 1 to 2 tons per acre—Fall or early Spring. For New La

Lawns, use 100 lbs. to 1000 square feet.

For Old Lawns, as a top dressing, use 50

lbs. to 1000 square feet. For Flower Beds and Vegetable Gardens, before planting, use 50 lbs. to 500 square

feet. For Mixing Potting Soil, use 1 qt. to 20

qts. of earth. Price: 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.60; 100 lbs., \$2.75.

PLANT JOY—It will make weak I strong and make healthy plants plants brighter flowers and prolong the period of blooming. Price: Small size, 25c; large size, 50c.

STIM-U-PLANT Tablets are packed in three sizes: Small size, 25c, containing 30 tablets; medium size. 75c; containing 100 tablets; large size, \$3.50, containing 1.000 tablets.

# COMPRESSED AIR SPRAYERS

PERFECTION SPRAYER that is riveted. An extra strong sprayer. The automatic shut-off nozzle is built for high pressure Four gal. capacity. Price: Galvanized, \$6.50; Brass, \$9.50.

BROWN'S AUTO SPRAY—Consists of a solution tank, holding about 4 gallons.
The tank is made of galvanized steel or heavy brass. Two pumpings will disheavy brass. Two pumpings will discharge the contents. Price: No. 1-B, Galvanized, \$6.50; No. 1-B, Brass, \$9.50. Shipping weight, 11 lbs. By mail, add postage.

UNIOR PERFECTION—A small compressed air sprayer of the "Perfection" type. The capacity is 2½ gal. Price: \$4.75; postpaid, \$5.00. JUNIOR

### DEMING'S PERFECT SUCCESS

Has brass ball air chamber to cushion the as brass ball air chamber to cushol the stream, giving it uniform pressure. Can be fastened to bucket and entire outfit carried from place to place. Comes with 4 feet %-inch discharge hose and Bor-deaux nozzle. Shipping weight, 12 lbs. Price: \$7.00; by mail, add postage.

# FALL AND WINTER NECESSITIES FOR THE POULTRY YARD



# MOE'S OAT SPROUTER

Made entirely of metal. Strong and rigid.

Provides the very necessary green feed at all seasons. Healthy chickens and more eggs.

The frame is of steel, well braced and neatly painted. Has six heavy galvanized iron pans. Five of the pans have perforated bottoms to secure the proper drainage, and the bottom pan is solid to hold the drippings. Pans are interchangeable. Sectional frame can be quickly taken apart and stored in a small space.

Total height of frame, 3 ft. Size of pans, 16 in. by 18 in.

Packed knocked down, 1 in a crate. Shipping weight, 30 lbs. Cannot be mailed.

No. 110-Moe's Oat Sprouter..... Each \$6.00

# THE COLLINS SPROUTER

Green feed is as necessary as grain for winter eggs. Sprouted oats makes the lowest priced, highest grade succulent feed obtainable. One cannot expect an abundant supply of winter eggs without feeding green feed.

Collins Oat Sprouters are made of galvanized steel and will last a lifetime. The pans fit one into the other and do not take up much room. No foul smelling coal oil lamp necessary; simply place the sprouter in a warm room and water the oats.

Made in three sizes.

5	pans	11x15.	Shipping	weight,	9	lbs	. \$3.00
8	pans	11x15.	Shipping	weight,	14	$1bs\dots\dots\dots\dots\dots\dots$	. 4.00
8	pans	11x32.	Shipping	weight,	28	${\tt lbs}.\dots\dots\dots\dots$	. <b>8.00</b>

By mail, add postage.



Collins Oats Sprouter

Each

\$0.40

.90

1.25



Grit and Shell Box No.

45 9 90

Compartments Shipping Weight

2 lbs. Two 3 lbs. Three Four 4 lhs.

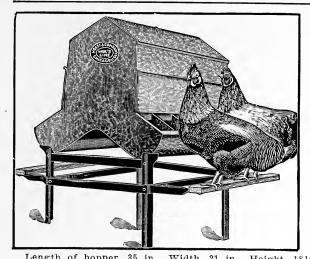
By mail, add postage.

# GRIT AND SHELL BOXES

The feeding of grit, ground shells, and charcoal is now recognized as an essential part of the diet, to keep fowls in healthy, prime condition. There is no more economical method of supplying grit, etc., than with these practical, inexpensive compartment boxes. No solder used in their construction.

Can also be used as feed hoppers for little chicks.

Made of heavy galvanized iron in three sizes. The No. 45 for baby chicks has a square bottom, the other sizes have round bottoms.



# MOE'S MAMMOTH DRY MASH HOPPER

A large capacity hopper built on correct principles. Made of heavy galvanized iron, strong and substantial

iron, strong and substantial in every detail.

Has many excellent features; for instance, it will accommodate a full 100 lb. bag of mash, doing away with the annoyance and waste of having a partly empty bag of mash on the premises. The feed is within easy reach of the chickens, and is protected from the weather and from

from the weather and from the ravages of rats and mice. The taper shape and inter-ior construction provides a uniform automatic feed, and the wire grid and cross wires

prevent any waste.

The stand is of heavy iron, painted, and has wooden bars for the poultry to rest on when feeding.

### DRY MASH HOPPERS

A Dry Mash Hopper of great merit, made of heavy galvanized iron. All parts accurately stamped with dies. The carved bottom keeps the feed within easy reach of the birds, and the taper shape of the hopper—larger at bottom—prevents the feed from clogging.

The wire grid and the wires running from the flange through the wire grid prevent the fowls from throwing out or wasting the feed.

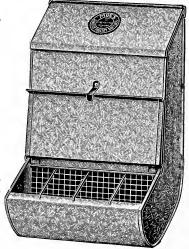
The sloping top prevents them from roosting on the hopper.

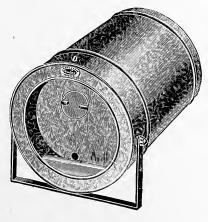
When both covers are closed it is rat, mouse and weather proof.

Made in four sizes

	made in tour	Sizes.	63.1	
No.	Height	Width	Shipping Weight	Each
35	19 in.	8½ in.	5 lbs.	\$1.50
36	19 in.	12 in.	6 lbs.	2.00
13	19 in.	22 in.	9 lbs.	2.40
37	19 in.	24 in.	11 lbs.	2.80

We have everything for the Poultry Yard. Write for our large Poultry Catalog, which will be issued about November 1st.





### MOE'S INSULATED DOUBLE WALL FOUNTAINS

Made of best quality galvanized iron, with double walls packed with an efficient insulating material.

Keeps the water warm in winter, and cool in summer. Has a large filler opening so it can be easily cleaned, which is a very important feature, and one that is lacking in most insulated wall fountains.

Easy to fill, easy to clean, and feeds the water automatically. An excellent winter fountain, and equally good in summer to keep the water cool and fresh.

The wrought iron stand or rest is hinged, and acts as a handle to carry the fountain.

Plenty of fresh water at the right temperature, in zero or torrid weather will keep your birds healthy and increase the egg yield.

Shipping weight, 16 lbs. Capacity, 3 gallon. Packed one in a hoy

Shipping weight, Packed one in a box.

No. 8-Moe's Insulated Wall Fountain. Each, \$4.00

By mail, add postage,

# MOE'S WINTER FOUNTAIN

A simple and reliable fountain with heater. Made of heavy galvanized iron, easily filled, with nothing about it to get out of order.

The fountain has a capacity of 5 gallons; and the lamp holds sufficient kerosene to burn continuously for one week.

The fountain can be removed from the heater and used independently when desired.

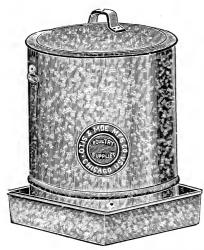
Packed one in a box. Shipping weight, 11 lbs., complete. Heater can be used under any fountain.

 No. 75—Winter Fountain.
 Each.
 \$3.85

 Heater only, shipping weight, 5 lbs.
 1.90

By mail, add Postage.





### TOP FILL FOUNTAIN

Fill in the morning and your chickens have an all day's supply of pure water at just the right temperature.

The double wall keeps water cool in summer and retards freezing in winter. No valves to get out of order. Thoroughly sanitary and as easily cleaned as an ordinary pail. Does away with slopping over when being filled. Can be hung out of the litter and the square pan prevents spilling at that time. The square pan also affords drinking facilities for two pens at the same time. Fills from the top.

By mail, add postage.

### MOE'S ALUMINUM LEG BANDS



Made of sheet aluminum, with large raised numbers, easy to read from a distance. Adjustable for any size fowl. Accurately made and quickly applied. Packed in paper cartons of 12, 25, 50 and 100 bands each. Numbered from one up.

, , , , , , , , , , , , , , , , , , , ,	
25 bands	100 bands.       \$0.75         500 bands.       3.50         1000 bands.       6.00



Spiralet Leg Bands—Mark your hens and pullets differently. Know what you are doing. Spiralet bands are made of seasoned celluloid. last a lifetime. Slip on like a key ring. Birds cannot lose them. Light as a feather. Will not fade. Colors: Black, white, dark blue, pink, light blue, red, green, yellow, purple.

	12	25	50	100
Baby chicks	\$0.10	\$0.20	\$0.35	\$0.60
Pigeons	10	.20	.40	.65
Mediterranean	15	.25	.40	.75
American	15	.25	.45	.83

# BIRD CAGES



Japanned Cage of excel-lent quality at a low price. No. 241-71/2 x71/2 in...\$2.00 No. 242-8 x8 in... 2.25 No. 243-8% x8% in... 2.60 No. 244-94 x94 in... 2.85

By mail add 25c for pack-ing and postage.

An excellent brass cage with wire guards to prevent birds from throwing seed and gravel on the floor.

No.	S	ize	1	Each
2471	- 9½	x 6 1/2	in	\$4.25
2472	<b>10</b> %:	x71/8	in	4.75
	<b>—10¾</b> :		in	5.25
2474	—11%:	x8%	in	5.75
By	mail	add	25c	for
post	age ar	id pa	cking	g.



No. 2471



A round brass cage that can be used on a stand or set on a table, a beautiful cage.

No.	Dia	mete	r I	Each
2525	-101/4	inch	es	<b>\$4.50</b>
2526	11	inch	es	5.00
2527	1134	inch	es	5.50
	mail			
nost	age ar	ea be	ckins	or o



A low priced brass cage made of the same excel-lent material and high class workmanship as the higher priced cages.

No. 470— 9 x6 in..\$2.90 No. 471- 91/2x61/2 in.. 3.15 No. 472-101/8 x 71/8 in.. 3.80 No. 473-10% x7% in.. 4.60 By mail add 25c for post-age and packing.

A strong, well-made cage with screen guard and zinc drawpin bottom.

No.	$\mathbf{Size}$	1	Each
2572M-	$-10\frac{1}{8}$ x $7\frac{1}{8}$	in.	57.00
2573M-	-10% x7%	in.	7.75
2574M-	-11%x8%	in.	8.50
2575M-	—12x9 in.	· · · ·	9.00



mail add 35c for postage and packing.

The following cages are same as the preceding cages, but do not have the zinc drawpan bottom.

No. 2572— $10\frac{1}{8}$ x $7\frac{1}{8}$	inches\$4.75
No. 2573—10¾x7¾	inches 5.25
No. 2574—11%x8%	inches 5.75
By mail add 35c for	postage and packing.

# BREEDING CAGES

Japanned cages with solid and wire partitions, metal drawer and closed back. Comes complete with four glass cups, six perches and two nests. These cages are all metal and are absolutely vermin proof.

		Long	$\mathbf{Wide}$	High	$\operatorname{Price}$
No.	86-S	17¼ inches	8¾ inches	14 inches	\$5.00
No.	86	191/2 inches	10 inches	14¾ inches	5.75
No.	87	22 inches	11 inches	16¼ inches	6.50
No.	88	24½ inches	12½ inches	17 inches	<b>7.2</b> 5
		By mail	add 50c for posts	ge and packing	

# BIRD SUPPLIES Cage Brackets and Springs



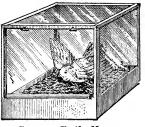
No. 224 — Nickeled 8-inch. 15c each; postpaid
No. 3710-B—Brass 10-inch. 25e each; postpaid
No. 3712-B—Brass 12-inch. 35c each; postpaid
No. 3710-D-Oxidized 10-inch. 25c each; postpaid27e
No. 3712-D—Oxidized 12-inch. 35c each; postpaid37c
Cage Springs—Single heavy. 25c each; postpaid27e
Cage Springs—Double heavy. 25c each; postpaid27c
Bird Nests-15c each; postpaid17e

# CAGE ACCESSORIES

Bath House -White enameled tin r emovable glass sides. To glass sides. use, open door of cage and attach. Fits any cage. Bird cannot spill water in cage.

Price 65c. Postpaid, 75c Tulip Cups,

opal or glass, 15c each. Postpaid, 18e



Canary Bath House.

Shell cups, opal or glass, 15c each; postpaid, 18c.

Single Point cups, opal, 15c each; postpaid, 18c.

Opal Bird Baths, 15c each; postpaid, 18c.



A SMOOTH LAWN AND FLOWERS WILL ADD MUCH BEAUTY TO YOUR HOME

# HAVALAWN GRASS SEED

Especially Adapted to This Locality and Will Insure A
Fine Velvety Lawn

1 lb., 50c; 3 lbs., \$1.45; 10 lbs., \$4.50; 50 lbs., \$20.00

# ST. LOUIS SEED COMPANY

The Home of "Pure and Sure" Seeds

411-413 WASHINGTON AVENUE

ST. LOUIS, MO.